



FIGURE A&S.4. Molecular evolution can be used to solve a complex practical problem. Here in vitro selection of a synthetic green fluorescent protein (GFP) gene (B) was used to increase its signal over wild type (A).

A&S.4, Fluorescent proteins, reprinted from Cramer A. et al., *Nat. Biotechnol.* **14**: 315–319, © 1996 Macmillan, www.nature.com